

ABSTRACT

A method and apparatus for controlling generation of descriptive information, such as dimension generation, relating to creation of a 2-D view of a computer defined graphical model, such as a 3-D model. An option to choose a semi-automatic mode of generation can enable a user to interrupt generation and rework data being transferred from the 3-D model to the 2-D view. One embodiment provides a user with manual control of dimension and constraint generation such that the process can move from one step to the next, under a user's control. In another embodiment, a semi-automatic mode of operation provides a pause in the generation process. During the pause, the user can rework drawing data or halt the process to perform other tasks. In the absence of an interruption, the system can proceed to a next item of drawing data.